



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
CALIFORNIA DISTRICT MINING OFFICE



July 8, 2011

Evelyn S. MacKnight, Chief
United States Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Consolidation Coal Company
Blacksville No. 2 Mine
CMAP #30841312
Gilmore and Wayne Townships, Greene County
Roberts Run Airshaft Revision Application
Accepted Date: August 10, 2010

Dear Ms. MacKnight:

Please be advised that the above referenced application was issued by the Department on July 5, 2011 (enclosed). Our office forwarded the draft permit and other requested information on February 28, 2011. Our office did not receive comments from the EPA, subsequently we executed a final permit action.

A sedimentation pond outfall was the only NPDES discharge authorized at this site. As documented on similar applications which you may have reviewed, TDS, sulfates, chlorides and osmotic pressure are not constituents of concern with sedimentation pond effluent.

If you have any further questions, please contact me at the above number.

Sincerely,

Joel Koricich
Permit Chief
District Mining Operations

Enclosure



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
CALIFORNIA DISTRICT MINING OFFICE

JUL 05 2011

Certified Mail #7010 3090 0000 8961 4105

Consolidation Coal Company
1 Bridge Street
Monongah, WV 26554

Re: Operation Name: Blacksville Mine No. 2
Permit No.: 30841312
Gilmore and Wayne Townships, Greene County



Ladies and Gentlemen:

We have enclosed a revised permit for the above operation. This proposal was accepted for technical review on August 18, 2010.

The permit has been revised to add 24.5 surface acres for the Roberts Run Airshaft.

Please refer to Page E-13, Special Condition No. 43, Revision No. 73, which identifies the approved changes.

The enclosed information supersedes the original issued permit and should be incorporated on a page-by-page basis.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board, 35 P.S. Section 7514, and the Administrative Agency Law, 2 PA C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 1.800.654.5984. Appeals must be filed with the Environmental Hearing Board within thirty (30) days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

If you have any questions about the permit, please contact me at 724.769.1100.

Sincerely,

Joel Koricich
Environmental Group Manager
District Mining Operations

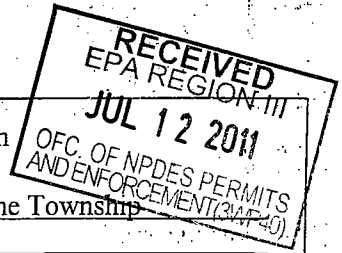
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

No. 30841312

BITUMINOUS COAL MINING ACTIVITY PERMIT

Permittee Name: Consolidation Coal Company
and Address: 1 Bridge Street
Monongah, WV 26554
Operation Name: Blacksville Mine No. 2

Location of Operation
Municipality: Wayne Township
County: Greene



This permit approves the following activities as indicated by an "X":

☒ Operation of an Underground Coal Mine ☐ Coal Preparation ☐ Coal Refuse Disposal
☒ Other: Stream Encroachments ☒ Discharge of Wastewater as Specified in Part A
☒ Subsidence Control Plan

This permit is for 412.9 acres of surface area and 21,415.87 acres of subsurface area and 6,331.23 subsidence control plan acres

This approval (as indicated by an "X") is subject to the attached LIMITS OF AUTHORIZATION and:

☒ PART A - EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS
☒ PART B - MANDATED NPDES PERMIT CONDITIONS AND REQUIREMENTS
☒ PART C - MANDATED COAL MINING ACTIVITY PERMIT CONDITIONS AND REQUIREMENTS
☒ PART D - BOND DESCRIPTIONS
☒ PART E - SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION
☒ PART F - SPECIAL CONDITIONS REGARDING SUBSIDENCE CONTROL

This permit is hereby issued in accordance with the provisions of the Surface Mining Conservation and Reclamation Act, Act of May 31, 1945 (P.L. 1198, No. 418), as amended, 52 P.S. §§1396.1 et seq., the Clean Streams Law, Act of June 22, 1937 (P.L. 1987, No. 394), as amended, 35 P.S. §§691.1 et seq., and the Air Pollution Control Act, Act of January 8, 1960 (1959) (P.L. 2119, No. 787), as amended, 35 P.S. §§4001 et seq., and the regulations promulgated pursuant to these Acts. This permit is also issued in accordance with the following statutes and regulations promulgated pursuant to these statutes, as indicated by an "X":

☒ Bituminous Mine Subsidence and Land Conservation Act, Act of April 27, 1966 (P.L. 31, as amended, 52 P.S. §§1406.1 et seq.), and the regulations promulgated pursuant to this Act.
☐ Coal Refuse Disposal Control Act, Act of September 24, 1968 (P.L. 1040, No. 318), as amended, 52 P.S. §§30.51 et seq., and the regulations promulgated pursuant to this Act.
☒ Dam Safety and Encroachments Act, Act of November 26, 1978 (P.L. 1375, No. 325), as amended, 32 P.S. §§693.1 et seq., and the regulations promulgated pursuant to this Act.
☐ Solid Waste Management Act, Act of July 7, 1980 (P.L. 380, No. 97), 35 P.S. §§6018.101 et seq., and the regulations promulgated pursuant to this Act.

The permittee is hereby authorized to conduct coal mining activities as described in the approved permit application numbered 30841312 and approved revisions, and in accordance with, the laws and regulations and terms and conditions referenced above. A violation of any provision of the referenced laws, regulations, terms and conditions is a violation of this permit. Any modifications to the permitted facilities necessary to meet the terms and conditions of this permit require the prior written approval of the Department.

Original Permit Issuance Date: February 27, 1986
Latest Permit Renewal Date: July 23, 2008
Latest Permit Revision Date: JUL 05 2011
Permit Expiration Date: February 27, 2011
(Renewal pending)

By Wm. S. Plassio
William S. Plassio
Title District Mining Manager

PART A
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

CMAQ # 30841312

NPDES # PA0013790

2. EROSION AND SEDIMENT CONTROL FACILITIES

a. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR OUTFALL 022

DISCHARGE TO: Unnamed Tributary to Roberts Run

FROM: Sediment Basin No. 1 at Roberts Run Airshaft

LAT: 39° 45' 26"

LONG: 80° 19' 47"

Based on the hydrologic data and anticipated wastewater characteristics and flows described in the permit application and its supporting document and/or revisions, the following effluent limitations and monitoring requirements apply to the subject outfall:

Discharge Parameter	DISCHARGE LIMITATIONS ¹			MONITORING REQUIREMENTS	
	Average Monthly	Maximum Daily	Instant Maximum	Measurement Frequency	Sample Type
Flow (mgd)				2/month	estimated
Iron	3.0	6.0	7.0	2/month	grab
Suspended Solids	35	70	90	2/month	grab
Manganese	2.0	4.0	5.0	2/month	grab
Aluminum	0.75	1.5	2.0	2/month	grab
Total Dissolved Solids	MONITOR	AND	REPORT	1/quarter	grab
Sulfates	MONITOR	AND	REPORT	1/quarter	grab
Chlorides	MONITOR	AND	REPORT	1/quarter	grab
Specific Conductance (umho)				1/quarter	grab
Osmotic Pressure (mos/kg)	138	276			grab

pH not less than 6.0 nor greater than 9.0 standard units at all times.

Alkalinity must exceed acidity at all times.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

b. PARAMETERS SUBJECT TO 24-HOUR, NON-COMPLIANCE REPORTING FOR "MAXIMUM DAILY" LIMITATIONS UNDER B.3.c(1) (b) OF THIS PERMIT ARE: N/A

c. SAMPLES TAKEN IN COMPLIANCE WITH THE MONITORING REQUIREMENTS SPECIFIED ABOVE SHALL BE TAKEN AT THE FOLLOWING LOCATION(S): at the treatment pond discharge structure outlet

Note: ¹Unless otherwise indicated, discharge limitations are concentrations expressed in mg/l, and the total (dissolved plus suspended fractions) is applicable for each parameter.

SECTION D. BOND DESCRIPTION

1C. MINING AND RECLAMATION BOND

a. ☐ Original Bond ☒ Additional Bond ☐ Replacement Bond ☐ Permit Transfer

b. ☒ Surety Bond No. 104571945
in amount of \$269,249.15
with (as surety) Travelers Casualty and Surety Company of America, dated 9/8/05

c. ☐ Collateral Bond dated
in amount of
supported by

d. ☒ Additional Remarks

(1) A portion of the mining and reclamation bond is based on the demolition cost for structures, and the demolition cost is prorated based on the permittee's projected useful life of the mining activity as described in the application material for this permit. The Department may require the mining and reclamation bond be increased at permit renewal, or sooner, based on a prorated increase of the demolition cost for structures.

1D. MINING AND RECLAMATION BOND

a. ☐ Original Bond ☒ Additional Bond ☐ Replacement Bond ☐ Permit Transfer

b. ☒ Surety Bond No. 1023378
in amount of \$111,323.13
with (as surety) Lexon Insurance Company, dated November 26, 2007.

c. ☐ Collateral Bond dated
in amount of
supported by

d. ☒ Additional Remarks

(1) A portion of the mining and reclamation bond is based on the demolition cost for structures, and the demolition cost is prorated based on the permittee's projected useful life of the mining activity as described in the application material for this permit. The Department may require the mining and reclamation bond be increased at permit renewal, or sooner, based on a prorated increase of the demolition cost for structures

1E. MINING AND RECLAMATION BOND

a. ☐ Original Bond ☒ Additional Bond ☐ Replacement Bond ☐ Permit Transfer

b. ☒ Surety Bond No. SUR0013612
in amount of \$550,609.21
with (as surety) Argonaut Insurance Company dated June 21, 2011.

c. ☐ Collateral Bond dated
in amount of
supported by

d. ☒ Additional Remarks

(1) A portion of the mining and reclamation bond is based on the demolition cost for structures, and the demolition cost is prorated based on the permittee's projected useful life of the mining activity as described in the application material for this permit. The Department may require the mining and reclamation bond be increased at permit renewal, or sooner, based on a prorated increase of the demolition cost for structures

SECTION D. BOND DESCRIPTION

1F. MINING AND RECLAMATION BOND

a. ☐ Original Bond ☒ Additional Bond ☐ Replacement Bond ☐ Permit Transfer

b. ☒ Surety Bond No. SUR0000316
in amount of \$468,671.22
with (as surety) Argonaut Insurance Company, dated January 6, 2009

c. ☐ Collateral Bond dated
in amount of
supported by

d. ☒ Additional Remarks

- (1) A portion of the mining and reclamation bond is based on the demolition cost for structures, and the demolition cost is prorated based on the permittee's projected useful life of the mining activity as described in the application material for this permit. The Department may require the mining and reclamation bond be increased at permit renewal, or sooner, based on a prorated increase of the demolition cost for structures

2. SUBSIDENCE BOND

a. ☐ Original Bond ☐ Additional Bond ☒ Replacement Bond ☐ Permit Transfer

b. ☒ Surety Bond No. 1021214 dated April 4, 2007
in amount of \$10,000.00
with (as surety) Lexon Insurance Company

☒ Surety Bond No. 64S103615833BCM
in amount of \$218,535.00
with (as surety) Travelers Casualty and Surety Co. of America

☒ Surety Bond No. 6542676 dated July 2, 2008
in amount of \$260,120.00
with (as surety) Travelers Casualty and Surety Co. of America

☒ Surety Bond No. SUR000317 dated January 6, 2009
in amount of \$246,657.00
with (as surety) Argonaut Insurance Company

c. ☐ Collateral Bond dated
in amount of
supported by

d. ☒ Additional Remarks

- (1) The subsidence bond is based on the permittee's obligation to remedy subsidence damage to structures and surface features as required by the Subsidence Control Regulations. The subsidence bond may be revised as mining progresses.

SECTION E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

6. Each pond authorized by this permit shall be designed and inspected during construction under the supervision of, and certified to the Department upon completion of construction by, a registered professional engineer or professional surveyor that the pond was constructed as approved in the permit application. The permittee shall submit a completed POND CERTIFICATION to the Department's California District Mining Office. The pond shall not be put into service until the certification is approved by the California District Mining Office.
7. This permit is conditionally issued based upon Consol Pennsylvania Coal Company's appeal from violation C89-11-17-1: 76.00 dated 1/17/89, C90-111-19-1: 5765.00 dated 11/2/90 and C91-111-19-1: 5765.00 dated 1/8/91. Within fifteen (15) days of receipt of a final adjudication concerning any or all of the appeals, Consol Pennsylvania Coal Company shall provide the Department with a copy of the adjudication.
8. Mining support activities may occur to within 150 feet of the Margaret Wilson dwelling as per release letter dated January 31, 1991.
9. The access road to the Wilson Bleeder shaft will cross the Peoples Natural Gas Company pipeline as per agreement dated May 16, 1992.
10. Monitoring of the Margaret Wilson water supply shall continue on a monthly basis during construction of the shaft and upon completion of the activity.
11. Variances to affect within 100 feet of the following roads and their approval dates are filed with this permit:
 - a. Gilmore Township Road, T-717, approved January 18, 1989.
 - b. Legislative Route 30010, approved December 13, 1988.
 - c. Legislative Route 30010, approved April 15, 1985.
 - d. State Route 3007, approved May 22, 1991.
 - e. Township Road T-369, approved February 9, 1995.
 - f. Township Road T-369, approved January 2, 1998 (Degasification Boreholes 2R #1 CCR Hole and 7-N Tailgate #1 CCR Hole).
12. The Department is granting a variance to conduct surface mining operations within 100 feet of the following streams: Hoovers Run, Rush Run, an unnamed tributary of Blockhouse Run, Tom's Run, two unnamed tributaries of Hoovers Run, and Clawson Run, Morris Run, and the Department hereby orders the permittee to employ the methods and techniques described in the application material to prevent adverse hydrologic or water quality impacts that could result from conducting operations within 100 feet of the stream.
13. For each of the 37 degasification boreholes associated with longwall panels, 12L, 13L, 14L, 12M, 13M, 14M, 16M and 2S, the permittee shall monitor any domestic well at least three times when constructing a borehole that is within 1000' of the well - once during the month prior to constructing the borehole, once during construction of the borehole, and once during the month after construction is completed. Each time a well is monitored, the permittee shall record the date and monitor for static water elevation, pH (field and laboratory), temperature, alkalinity, acidity, iron, manganese, aluminum, sulfates, dissolved solids, specific conductance, and the permittee shall retain the results in accordance with Section B.2.g of the permit.
14. The Department is granting a variance to conduct surface mining operations within 100 feet of unnamed tributary of Hoovers Run for the purpose of stream enclosure, and the Department hereby orders the permittee to employ the methods and techniques described in the application material to prevent adverse hydrologic or water quality impacts that could result from conducting operations within 100 feet of the stream.

E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

Degas Boreholes 17-W-1CCR and 18-W-1CCR

35. A variance to affect within 100 feet of T-428 approved July 7, 2009, is filed with this permit.
36. ~~This permit is conditionally issued based upon Consol PA Coal Company's continued compliance with Consent Order and Agreement #106001 dated January 14, 2010 against CMAP #30841317. Permit Condition No. 55 removed with permit revision No. 140 issued on September 22, 2010.~~
37. ~~This permit is conditionally issued based upon Consol PA Coal Company's continued compliance with Consent Order and Agreement #101007 dated March 2, 2010 against CMAP #30841317. Permit Condition No. 55 removed with permit revision No. 140 issued on September 22, 2010.~~
38. This permit is conditionally issued based upon Consol PA Coal Company's continued compliance with Administrative Order #106003SA dated November 3, 2010 against CMAP #30841316.
39. Site specific special conditions related to Revision No. 72 [installation of three (3) rock dust boreholes].
a. If the mining activity site is activated before a phase I archaeological study has been conducted, and if an archaeological site is discovered; the permittee shall cease the mining activity and complete a phase I study.
40. **Roberts Run Airshaft:**
- A. The permittee shall not commence clearing and grubbing, site grading activities and construction of the airshaft, pad area and access road until the silt fence, diversion and collection ditches, sediment traps and sediment pond has been installed as depicted on Exhibit 9.1 received May 13, 2011. The site E&S controls must be certified by a registered professional engineer and approved in writing by the Department before proceeding with the site construction. The construction certification must be submitted to the following address:
- Pennsylvania Department of Environmental Protection
Bituminous Mine Permit Section
25 Technology Drive
California Technology Park
Coal Center PA 15423
- B. The Department is granting a variance to conduct surface mining activities within 100 feet of two (2) different areas of Unnamed Tributaries to Roberts Run as depicted on Exhibit 9.1 dated May 13, 2011. The Department hereby orders the permittee to employ the methods and techniques described in the application material to prevent and mitigate adverse hydrologic or water quality impacts as a result of the variance that could result from conducting operations within 100 feet of the stream.
1. Unnamed Tributary 0R: The variance begins at a location approximately 2840 feet west of the intersection of Roberts Run Road (TR-379) and Blockhouse Run Road (SR- and continues approximately 375 feet upstream from Roberts Run Road for the purpose of constructing support facilities.
 2. Unnamed Tributary 1R: The variance begins at a location approximately 4025 feet west of the intersection of Roberts Run Road (TR-379) and Blockhouse Run Road (SR-, starts 500 feet north from Roberts Run Road and continues approximately another 230 feet upstream that includes erosion and sedimentation controls.

E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

- C. The Department is granting a road variance to encroach within 100 feet of the right of way of Roberts Run Road (TR-379). On Roberts Run Road (TR-379), the area begins approximately 2840 feet west from its intersection with Roberts Run Road (TR-379) and Blockhouse Run Road (SR- and proceeding approximately 980 feet in a westerly direction along the north side of Roberts Run Road that includes the access road and erosion and sedimentation controls.
- D. Mining activities may be conducted within 300 feet of Barry T. and Susan W. Huffman Dwelling(s) in accordance with the agreement between Barry T. Huffman and Susan W. Huffman and Consolidation Coal Company dated June 18, 2008 located in Module 5.
- E. Any surface blasting associated with this mining activity shall be conducted in accordance with Section 87.64 and §7.124-87.129 of the Department's regulations. Accordingly, the permittee shall conduct blasting only after the Department approves the blasting plan.
1. If blasting will occur, Leatherwood Resources and CNX Gas must be notified initially before any charges are set off.
- F. The two gas line crossings for the Roberts Run Shaft access road must be performed in accordance with the agreements between Consolidation Coal Company and CNX Gas and Leatherwood Resources dated May 6, 2011.
- G. The cuttings pit (for the pilot hole) **must be lined** with a 30 mil HDPE geomembrane liner, certified, and managed as specified in Module 14. If a leak occurs prior to site reclamation, then the shaft cuttings must be removed offsite to an approved coal refuse disposal facility, and the shaft backfilled with borrow material.
41. The permittee shall submit an ANNUAL IMPOUNDMENT CERTIFICATION for each impoundment located on surface permitted area(s) to the Department's California District Mining Office on or before the last day of January each year for the previous year.
42. Haulroads must be certified upon completion in accordance with §87.160(i).
43. The following revisions are included with this mining activity permit:

Revision No.	Date of Approval	Description
(1)	August 15, 1986	Hennen II Ventilation Shaft.
(2)	January 12, 1987	Six (6) Degasification Boreholes: (9L-2), (7M-1), (7M-2), (8L-1), (8L-2) and (9L-1).
(3)	November 16, 1987	Four (4) Degasification Boreholes: (8M-1), (8M-2), (9M-1) and (9M-2).
(4)	November 16, 1987	Pine Bank Shaft.
(5)	July 14, 1988	Two (2) Degasification Boreholes: (4N-1) and (6N-1).
(6)	September 9, 1988	Two (2) Degasification Boreholes: (10L-1) and (10L-2).
(7)	September 26, 1988	Construct Two (2) Degasification Boreholes: (4N-1) and (6N-1).
(8)	January 18, 1989	Construct Fourteen (14) Degasification Boreholes: (11L-1), (11L-2), (12L-1), (12L-2), (13L-1), (13L-2), (10M-1), (10M-2), (11M-1), (11M-2), (12M-1), (12M-2), (4N-2), (6N-2) and Pine Bank Water Holding Pond.

E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

43. The following revisions are included with this mining activity permit:

Revision No.	Date of Approval	Description
(9)	March 13, 1989	Add 725 Acres to Subsidence Control Plan.
(10)	September 8, 1989	Kuhntown Shaft.
(11)	May 2, 1990	Cole Shaft.
(12)	August 24, 1990	Emergency 11-M-4 Degasification Borehole.
(13)	December 12, 1990	Add Thirty-seven (37) Degasification Boreholes: (12L-3), (12L-4), (13L-3), (13L-4), (14L-1), (14L-2), (14L-3), (14L-4), (12M-3), (12M-4), (13M-1), (13M-2), (13M-3), (13M-4), (14M-1), (14M-2), (14M-3), (14M-4), (16M-1), (16M-2), (16M-3), (16M-4), (16M-5), (16M-6), (16M-7), (16MV-1), (6NV-3), (2S-1), (2S-2), (2S-3), (2S-4), (2S-5), (2S-6), (2S-7), (1SV-1), (2SV-1) and (6SV-1).
(14)	February 23, 1991	Add 177 Acres to Subsidence Control Plan Boundary.
(15)	June 10, 1991	Wilson Bleeder Shaft.
(16)	August 6, 1991	Blockhouse Run Bleeder Shaft.
(17)	December 15, 1991	Install Four (4) Degasification Boreholes: (9M-3), (10M-3), (10M-4) and (11M-3).
(18)	June 24, 1992	Construct Eleven (11) Degasification Boreholes: (6S-1), (3S), (4S), (3S-2), (3S-1), (6N-3), (6N-4), (Main North 1), (Main North 2), (6S), (17-M) and One (1) Pump Borehole.
(19)	September 22, 1992	Maps.
(20)	December 22, 1992	Hoover Run Shaft site.
(21)	February 5, 1993	Construct (6N-5) Degasification Borehole and Blockhouse Air Borehole.
(22)	April 22, 1993	Morris Run II Shaft and Sediment Pond Discharge.
(23)	July 29, 1993	Add 736 Acres to the Subsidence Control Plan Boundary.
(24)	October 8, 1993	Drill Thirty-six (36) Degasification Boreholes: (5S), (4 East 1), (4 East 2), (3S-4), (3S-5), (3S-6), (3S-7), (4S-1), (4S-2), (4S-3), (4S-4), (4S-5), (4S-6), (4S-7), (5S-1), (5S-2), (5S-3), (5S-4), (7S), (17M-1), (17M-2), (17M-3), (17M-4), (17M-5), (17M-6), (17M-7), (18M-1), (18M-2), (18M-3), (18M-4), (18M-5), (18M-6), (18M), (19M), (20M), (5 East 3), One (1) Air Borehole and One (1) Pump Borehole.
(25)	March 16, 1994	Amend Existing Permit to Drill an Elevator Shaft, One Rock Dust Borehole and Boreholes 5 East-1 and 5 East-2.

E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

43. The following revisions are included with this mining activity permit:

Revision No.	Date of Approval	Description
(26)	March 24, 1995	Amend Existing Permit to Construct the 7-North Air Shaft to support mining in the Pittsburgh Coal Seam.
(27)	March 24, 1995	Add 2,929.4 Acres to Underground Permit Boundary.
(28)	April 20, 1995	Revise location of the 5 East-2 and 5 East-3 Degasification Boreholes.
(29)	September 27, 1995	Revise the pH limit for Outfall 001 at the Carpenter Shaft.
(30)	January 18, 1996	Revise the surface acreage to include 40 degasification boreholes to the North Mains: (6S-1), (6S-2), (6S-3), (6S-4), (6S-5), (6S-6), (6S-7), (7S-1), (7S-2), (7S-3), (7S-4), (7S-5), (7S-6), (7S-7), (8S-1), (8S-2), (8S-3), (8S-4), (8S-5), (8S-6), (8S-7), (9S-1), (9S-2), (9S-3), (9S-4), (9S-5), (9S-6), (9S-7), (10S-1), (10S-2), (10S-3), (10S-4), (10S-5), (10S-6), (10S-7), (Main North-II-CCR), (Main North-III-CCR), (8S-CCR), (9S-CCR) and (10S-CCR).
(31)	December 30, 1996	Renew Deep Mine Permit No. 30841312.
(32)	July 1, 1997	Add 2,532 acres and delete 2,509 acres from the subsidence control plan.
(33)	December 3, 1997	Construct the 16M Ventilation Borehole.
(34)	April 7, 1998	Amend Permit to Drill Ten (10) Degasification Boreholes to Support Mining in the Pittsburgh Coal Seam: (7N-Tailgate #1 CCR), (7N-Tailgate #2 CCR), (1-R #1 CCR), (1-R #2 CCR), (2-R #1 CCR), (2-R #2 CCR), (3-R #1 CCR), (3-R #2 CCR), (4-R #1 CCR) and (4-R #2 CCR).
(35)	May 21, 1998	Revise Effluent Limits for Outfall 010.
(36)	May 27, 1998	Revise Permit to Add Kiger Airshaft.
(37)	January 28, 1999	Revise Permit to Add Twenty-four (24) Degasification Boreholes: (1-R #1), (1-R #2), (1-R #3), (1-R #4), (1-R #5), (1-R #6), (2-R #1), (2-R #2), (2-R #3), (2-R #4), (2-R #5), (2-R #6), (3-R #1), (3-R #2), (3-R #3), (3-R #4), (3-R #5), (3-R #6), (4-R #1), (4-R #2), (4-R #3), (4-R #4), (4-R #5) and (4-R #6).
(38)	March 9, 1999	Eliminate outfalls 002, 007, 012 and surface water monitoring points S-1 and S-2 from the water monitoring plan.
(39)	August 12, 1999	Revision to add 39 degasification boreholes to the existing permit.
(40)	June 4, 2001	Informal revision to add an access road between boreholes 4-R#1 and 5-R#1.

E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

43. The following revisions are included with this mining activity permit:

Revision No.	Date of Approval	Description
(41)	March 5, 2002	Bond Replacement – Subsidence Bond No. 929151476 replaces Subsidence Bond No. 81102101.
(42)	April 16, 2002	Reduced the surface area from 279.0 acres to 255.30 acres by deleting the following sixty (60) degasification boreholes: 8-S Bleeder Shaft, 12L-3 Degas, 12L-4 Degas, 13L-3 Degas, 13L-4 Degas, 14L-3 Degas, 14L-4 Degas, 12M-3 Degas, 12M-4 Degas, 13M-3 Degas, 13M-4 Degas, 14M-3 Degas, 14M-4 Degas, 16M-5 Degas, 16M-6 Degas, 16M-7 Degas, 2S-V1 Degas, 2S-5 Degas, 2S-6 Degas, 2S-7 Degas, 3S Degas, 4S Degas, Main North-1 Degas, 6-S Degas, 5S Degas, 4E-1 Degas, 4E-2 Degas, 3S-5 Degas, 3S-6 Degas, 3S-7 Degas, 4S-6 Degas, 4S-7 Degas, 17M-4 Degas, 17M-5 Degas 17M-6 Degas, 17M-7 Degas, 6-S-7, 7-S-7, 8-S-5, 8-S-6, 9-S-5, 10-S-5, 10-S-6, 10-S-7, Main North II-CCR, Main North III-CCR, 10-S-CCR, 7N-Tailgate #1 CCR, 3-R-#2 CCR, 3-R#5, 3-R#6, 1-R#5, 1-R#6, 4-R#5, 4-R#6, 5-R#5, 5-R#6, 7-S-6, 2-R#5, 2-R#6. Renew Permit No. 30841312.
(43)	May, 16, 2002	Permit revision approval to relocate previously permitted Degasification Borehole 8-R#1 approximately six hundred fifty (650) feet northwest from the original proposed location.
(44)	October 25, 2002	Revise permit to add twenty-three (23) degasification boreholes: (1-N-1), (1-N-2), (1-N-3), (1-N-4), (1-N-5), (1-N-6), (1-N-2 CCR), (2-N-1), (2-N-2), (2-N-3), (2-N-4), (2-N-5), (2-N-6), (2-N-1 CCR), (2-N-2 CRR), (3-N-1), (3-N-2), (3-N-3), (3-N-4), (3-N-5), (3-N-6), (3-N-1 CRR), and (3-N-2 CCR).
(45)	April 7, 2003	Permit revision approval to relocate previously permitted Degas 16M approximately 1650 feet northeast and identify it as 18-M-1 CRR; relocate previously permitted Degas 6-N-3 approximately 650 feet northeast and identify it as 19-M-1 CRR; relocate previously permitted Degas 6-N-4 approximately 50 feet northwest and identify it as 20-M-1 CCR.
(46)	September 4, 2003	Permit revision to install 4-N-1 CCR degasification borehole.
(47)	September 16, 2003	Approval for Roberts Run stream restoration plans, longwall panels 1R through 8R in accordance with 25 PA Code 86, 89, and 105.
(48)	October 16, 2003	Relocate the approved 4-N-1 CCR borehole.
(49)	March 8, 2004	Approval to install 5N1-CCR degasification borehole.
(50)	April 14, 2004	Permit revision to install thirty-three (33) degasification boreholes: 4-N-1, 4-N-2, 4-N-3, 4-N-4, 4-N-5, 4-N-6, 4-N-2 CCR, 5-N-1, 5-N-2, 5-N-3, 5-N-4, 5-N-5, 5-N-6, 5-N-2 CCR, 6-N-1, 6-N-2, 6-N-3, 6-N-4, 6-N-5, 6-N-6, 6-N-1 CCR, 6-N-2 CCR, 7-N-1, 7-N-2, 7-N-3, 7-N-4, 7-N-5, 7-N-6, 7-N-1 CCR, 7-N-2 CCR, 21-M-1 CCR, 22-M-1 CCR, 23-M-1 CCR
(51)	November 29, 2004	Approval for additional sediment control structures for the Roberts Run 105 Permit.
(52)	December 15, 2004	Permit revision to install 22M Bleeder Shaft.
(53)	January 5, 2005	Approval of Brendel wetland regrading plan.

SECTION E. SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

43. The following revisions are included with this mining activity permit (continued):

Revision No.	Date of Approval	Description
(54)	April 20, 2005	Approval of stream remediation plan in four separate areas of Hoovers Run over the 1N to 3N longwall panels in accordance with 25 PA Code 86, 89 and 105.
(55)	October 11, 2005	Permit revision to install M North Mains Air Shaft.
(56)	November 16, 2005	Permit revision to install thirty seven (37) degasification boreholes: 18-M-1, 18-5-2, 18-M-3, 18-M-4, 18-M-5, 18-M-6, 18-M-2-CCR, 19-M-1, 19-M-2, 19-M-3, 19-M-4, 19-M-5, 19-M-6, 19-M-2-CCR, 20-M-1, 20-M-2, 20-M-3, 20-M-4, 20-M-5, 20-M-6, 20-M-2-CCR, 21-M-1, 21-M-2, 21-M-3, 21-M-4, 21-M-5, 21-M-6, 21-M-2-CCR, 21-M-3-CCR, 22-M-1, 22-M-2, 22-M-3, 22-M-4, 22-M-5, 22-M-6, 22-M-2-CCR, 23-M-2-CCR, 5-WEST-CCR.
(57)	January 8, 2007	Revision to add 794.1 permit and subsidence control plan area acres for development mining.
(58)	February 23, 2007	Revision to relocate the following degas boreholes: 19-M-1-CCR and 20-M-1-CCR.
(59)	June 19, 2007	Revision to delete 653.8 acres from the permit area.
(60)	August 1, 2007	Subsidence Surety Bond #929151476 in the amount of \$10,000 with National Fire Insurance Company of Hartford be replaced with Surety Bond #1021214 with Lexon Insurance Company.
(61)	August 6, 2007	Revision to allow installation of the 10S injection borehole and associated waterline.
(62)	September 5, 2007	Revision to add 1.1 surface acres to accommodate Borehole 19-M-CCR.
(63)	March 14, 2008	Revision to add 15 surface acres to construct the 16 West Bleeder Shaft.
(64)	March 18, 2008	Correct effluent limits assigned to outfalls 020 and 021 with revision issued on March 14, 2008.
(65)	July 23, 2008	Permit Renewal. Deletion of 5,970 acres from the subsidence control plan.
(66)	January 26, 2009	Permit revision to add 28.2 surface acres to install degasification borehole(s) 12-W-1, 12-W-2, 12-W-3, 12-W-4, 12-W-5, 12-W-1CCR, 12-W-2CCR, 13-W-1, 13-W-2, 13-W-3, 13-W-4, 13-W-5, 13-W-1CCR, 13-W-2CCR, 14-W-1, 14-W-2, 14-W-3, 14-W-4, 14-W-5, 14-W-1CCR, 14-W-2CCR, 15-W-1, 15-W-2, 15-W-3, 15-W-4, 15-W-5, 15-W-1CCR, 15-W-2CCR, 16-W-1CCR.
(67)	March 16, 2009	Permit revision to add 3,852.17 acres to the underground permit area and 3,171.55 acres to the subsidence control plan.
(68)	December 7, 2009	Informal revision to change the projections of Panels 14W and 15W. Acreage amounts corrected to reflect actual permitted acres.
(69)	March 17, 2010	Revision to add 1.9 surface acres for the installation of two (2) degasification boreholes 17-W-1CCR and 18-W-1CCR.
(70)	November 4, 2010	Informal revision to change development mining projections for Panel 18.

SECTION E: SPECIAL CONDITIONS REGARDING OPERATION AND RECLAMATION

43. The following revisions are included with this mining activity permit (continued):

Revision No.	Date of Approval	Description
(71)	March 1, 2011	Revision to add 680.58 subsidence control plan acres and revise the longwall mining projections to add Panel 20W and extend Panels 17W, 18W, and 19W.
(72)	March 22, 2011	Informal permit revision to add 1.7 acres for the installation of three (3) rock dust boreholes.
(73)	JUL 05 2011	Permit revision to add 24.5 surface acres for the installation of the Roberts Run airshaft. Revised the water monitoring program to include Outfall 022 and stream monitoring points 1, 4, 7, 8, 12, 13, 15 and 16. Approved Surety Bond No. SUR0013612 in the amount of \$550,609.21 for full cost bonding requirements.

DISCHARGE MONITORING REPORT DMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

COAL MINING ACTIVITY PERMIT 30841312
OUTFALL 022
MONITORING MONTH / /
MO YR

LAT: 39° 45' 26" LONG: 80° 19' 47"

NOTE: READ DMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	PERMIT REQUIREMENT	UNITS	MONITORING RESULTS			MONITORING	
			MINIMUM	AVERAGE	MAXIMUM	FREQ	TYPE
Flow	*	MGD	*				
Iron	7.0	MG/L	*				
Suspended Solids	35/70	MG/L	*				
Manganese	5.0	MG/L	*				
Aluminum	2.0	MG/L	*				
Sulfates	*	MG/L	*				
Specific Conductance	*	UMHO	*				
Osmotic Pressure	138/276	MOS/KG					
Alkalinity Violations	ALK>ACID	*	*	*			
pH	6.0-9.0	S.U.		*			

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Explanations are attached if discharge violations occurred during the monitoring month.

TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT

HMR

Consolidation Coal Company
 Blacksville Mine #2
 Wayne Township
 Greene County

MINING ACTIVITY PERMIT 30841312LAT: 39 ° 45 ' 26 "LONG: 80 ° 20 ' 09 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 1 DESCRIPTION: Roberts Run upstream, 1000' southwest of permit							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 23 "

LONG: 80 ° 19 ' 44 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 4 DESCRIPTION: Roberts Run downstream, 250' south of permit							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 38 "
LONG: 80 ° 20 ' 03 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 7 DESCRIPTION: Unnamed Tributary to Roberts Run, downstream							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 37 "

LONG: 80 ° 20 ' 04 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 8 DESCRIPTION: Roberts Run upstream 700' northwest of permit							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 42 "

LONG: 80 ° 19 ' 47 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 12 DESCRIPTION: Roberts Run upstream 450' northeast of permit							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 26 "

LONG: 80 ° 19 ' 48 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 13 DESCRIPTION: Downstream Outfall 022							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312

LAT: 39 ° 45 ' 25 "

LONG: 80 ° 19 ' 55 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 15 DESCRIPTION: Roberts Run downstream							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

HYDROLOGIC MONITORING REPORT HMR

Consolidation Coal Company
Blacksville Mine #2
Wayne Township
Greene County

MINING ACTIVITY PERMIT 30841312
LAT: 39 ° 45 ' 22 "
LONG: 80 ° 19 ' 27 "

NOTE: READ HMR INSTRUCTIONS BEFORE COMPLETING THIS FORM

PARAMETER	MONITORING POINT: 16 DESCRIPTION: Roberts Run downstream, 1150' southeast of permit							
Date Sampled (MO/DA/YR)								
Flow (gpm)								
Stream Flow (cfs)								
Iron (mg/l)								
Suspended Solids (mg/L)								
Manganese (mg/l)								
Aluminum (mg/l)								
Sulfates (mg/l)								
Specific Conductance (umho)								
Dissolved Solids (mg/l)								
Alkalinity (mg/l)								
Acidity (mg/l)								
Field pH (S.U.)								
Laboratory pH (S.U.)								

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TYPED OR PRINTED NAME AND TITLE

SIGNATURE

DATE

JK/RT/be: g2 (W) f (W) a (L) JPW (L) REM (L)

bc: Greensburg District Office File (W)
MCI Tim Hamilton (W)
Mine Safety (W)
Hbg. Monitoring and Compliance [I or C] (*)
Bonding Section (**)
PA Fish Commission (L)
PA Game Commission (L)
PA Historical/Museum Commission (L)
Gilmore Township Supervisors (L)